

Cincinnati Fire/Rescue

Structure Fires by Cause 1997

Count	Cause	\$Loss
14	UNDETERMINED OR NOT REPORTED	416,000
165	INCENDIARY, not during civil disturbance	1,014,045
3	SUSPICIOUS, not during civil disturbance	400,000
3	MISUSE OF HEAT - insufficient info.	2,050
121	Abandoned, discarded material (cigarettes, etc)	676,876
2	Thawing	2,500
53	Falling asleep	43,465
5	Inadequate control of open fire	80,100
13	Cutting, welding too close to	124,350
62	Children with, children playing with heat source	301,715
5	Unconscious; mental/phys impair, drug/alcohol stup	5,595
14	Misuse of heat - not classified	149,251
3	MISUSE OF MATERIAL - insufficient info	40,000
5	Fuel spilled, released accidentally	52,400
1	Improper fueling technique	3,000
76	Combustible too close to heat	556,730
2	Improper storage	350
9	Children with, child playing	95,210
4	Misuse of material - not classified	225
4	MECHANICAL FAILURE, MALFUNCTION -insufficient info	25,750
30	Part failure, leak, break	64,335
2	Automatic control failure	2,850
1	Manual control failure	10,000
139	Short circuit, ground fault	1,830,485
41	Other electrical failure	1,436,225
57	Lack of maintenance, worn out	133,267
3	Backfire (excl hot catalytic converters-61)	21,010
12	Mechanical failure, malfunction - not classified	29,700

1	Design, installation deficiency - insufficient info	0
3	Construction deficiency	28,250
2	Installed too close to combustibles	80,025
1	Other installation deficiency	500
16	Property too close to (incl exposure fires)	184,900
5	OPERATIONAL DEFICIENCY - insufficient info	26,000
2	Collision, overturn, knockdown	7,800
5	Accidentally turned on, not turned off	1,750
517	Unattended	888,396
8	Overloaded	80,775
15	Spontaneous heating	94,645
2	Improper startup, shutdown procedures	400
11	Operational deficiency - not classified	16,101
1	High wind	50,000
3	Lightning	103,000
5	Rekindled from a previous fire	1,000
1,446		9,081,026